

MSI Self-Assessment NAVAREA XVII and XVIII

Submitted by Canada / Canadian Coast Guard

SUMMARY

Executive Summary: *Synopsis of activities within NAVAREA XVII XVIII since WWNWS-6*

Action to be taken: *Please note the report*

Related documents: *None*

1. Background:

NAVAREA XVII boundary limits:

67° 00'.00N 168° 58'.00W

90° 00'.00N 168° 58'.00W

90° 00'.00N 120° 00'.00W

south to the Canadian coastline along the 120°00'.00W meridian;

NAVAREA XVIII boundary limits:

A position on the Canadian coastline at the 120°00'.00W meridian to:

90° 00'.00N 120°00'.00W

90° 00'.00N 035°00'.00W

67° 00'.00N 035°00'.00W

Scheduled Broadcast Times		
NAVAREA	Ocean Region	(UTC)
XVII	POR	1130UTC and 2330UTC
XVIII	AOR-W	1100UTC and 2300UTC
HF NBDP - NAV/METAREA XVII & XVIII		0330UTC and 1530UTC

NAVAREA warnings and METAREA information are broadcast twice daily by means of HF Narrow Band Direct Printing (NBDP) on the 8 MHz (8416.5 kHz) maritime safety information (MSI) frequency for some arctic waters in the Canadian Search and Rescue Region which are not covered by the INMARSAT SafetyNET service.

Operational Points of Contact for National Co-ordinators within the NAVAREA

COUNTRY	INSTITUTION	TELEPHONE	FACSIMILE	EMAIL
Canada	Coast Guard	613-925-4471	613-925-4519	navarea17.18@innav.gc.ca

2. Comments:

The most recent updates to the GMDSS Master Plan (GMDSS.1/Circ.17) were submitted to IMO on August 13th, 2015. Of particular note is that Annex 7 was updated to reflect the names of the new controlling stations for several of Canada's NAVTEX transmitters.

Specifics of equipment used and software version with date up-dated:

Equipment Type	Software Version	Date of Up-date
Inmarsat-C	easyMAIL 1.15	
Thrane & Thrane Sailor TT-3026/s maritime mini-c easyTrack transceivers	Build 27	2008-09-16

HF-NBDP Equipment	Brand	Model
Transmitter	Harris (5KW)	RF-1165A
Antenna (Broadband Dipole)	Andrew	1765
Receiver	Harris	RF-590A
Antenna (Quadrature Fed Loop Antenna)	TCI	625L
DSC2 Workstation Version 2.6 (1996-2002)	ICS Electronics	

NAVAREA XVII

2012				2013				2014			
E-mail	Fax	Phone	Text	E-mail	Fax	Phone	Text	E-mail	Fax	Phone	Text
80	0	1	2	52	0	0	3	88	0	2	0

NAVAREA XVIII

2012				2013				2014			
E-mail	Fax	Phone	Text	E-mail	Fax	Phone	Text	E-mail	Fax	Phone	Text
108	0	0	3	69	0	0	3	123	0	0	0

	2011		2012		2013		2014	
NAVAREA*	Total	Average elapsed time						
XVII	0	0 Mins	0	0 Mins	0	0 Mins	27	69 Mins
XVIII	1	54 Mins	0	0 Mins	0	0 Mins	29	68 Mins

* No NAVAREA XVII_XVIII warnings were identified as requiring immediate (Urgent) priority (requiring transmission within 30 minutes); those noted above are accorded the normal (Safety) priority.

3. NAVTEX Coverage:

The one NAVTEX station located in Iqaluit, Nunavut (63 43N 68 33W) is operated by Iqaluit Marine Communications and Traffic Services (MCTS) Centre on a seasonal basis and

provides very limited coverage into NAVAREA XVIII. The Canadian Coast Guard has no plans to expand its NAVTEX coverage for Arctic waters.

The Danish Maritime Authority has three operational NAVTEX transmitters in West Greenland located at: Upernavik [I], Simiutaq [M] and Igdlutaligssuaq (NUUK) [W].

Operational Points of Contact:

COUNTRY	TELEPHONE	FACSIMILE	EMAIL
Canada	867-979-5269	867-979-4264	iqanordreg@innav.gc.ca
MRCC Groennedal	+299 691911	+299 691949	mrcc@glk.gl

Canada was contacted by the Chairman of the IMO NAVTEX Coordinating Panel regarding the use of two additional broadcast times used by the Labrador NAVTEX station. An investigation revealed the station was broadcasting weather/ice information for Arctic areas outside of the Labrador NAVTEX coverage area. Subsequently, a Notice to Shipping (navigational warning) was issued announcing the cancellation of these two broadcast times and their content effective August 10th, 2015. To date, no complaints regarding this cancellation were received from mariners.

4. Operational Issues:

	2011	2012	2013	2014
NAVAREA XVII	142	127	107	144
NAVAREA XVIII	197	155	125	177
HF-NBDP XVII*	94	94	70	114
HF-NBDP XVIII*	131	111	84	142

*Iqaluit MCTS Centre's HF-NBDP broadcast numbers are lower given that these broadcasts are only available during the Arctic navigational season.

A NAVAREA "In Force Warning" bulletin is issued once weekly. Any "In Force" warning messages more than 42 days old are found on the Canadian Coast Guard website or can be requested by email. The information on how to find these warnings is promulgated as part of the text of the "In Force" bulletin.

5. Quality Management Survey

NAVAREA	ISO 9001 -2008	Promulgate "In-Force" Bulletins	Promulgate "No-Warning" Messages	Monitor Broadcast	24/7 contact information provided	Promulgate two scheduled broadcasts	IMO Master Plan updated
XVII/XVIII	NO	YES	YES	YES	YES	YES	YES

NAVAREA XVII/XVIII, operational since July 1, 2011 is operated from a single location. All equipment is fully redundant and a business continuity plan is in place.

Requests for broadcast assistance from the adjacent NAVAREA IV and NAVAREA XII coordinator would be sought for times when the NAVAREA desk would not be accessible by our staff. As Search and Rescue transmissions over SafetyNET are also provided from the same location using a different satellite communications service provider, this could be used as contingency. Request for assistance from METAREA XVII/XVIII is another option as a contingency measure.

7. Capacity Building:

Nil

8. Other Activities:

No attendance at WWNWS-6 due to budgetary constraints. Canada's NAVAREA Self-Assessment was submitted to the committee.

9. NAVAREA Website:

Website: WWW.CCG-GCC.GC.CA/ENG/CCG/NOTSHIP_HOME

The website is updated shortly after the initial broadcast of a new NAVAREA warning. Mariners can search Broadcast Warnings for a specific NAVAREA or both NAVAREAs and may also select a broadcast period using the drop-down calendar. Mariners can search a list of the In-force Bulletins. The website does not display the date/time of the last update. Statistics are available by email request only.

10. NAVAREA Coordinator Contact Information:

Lucia F. Bakker
Operational Support - Canadian Coast Guard
Centennial Towers
200 Kent Street
Ottawa, Ontario K1A 0E6
Canada

Administrative matters:

Telephone: 613-990-7572
E-mail: lucia.bakker@dfo-mpo.gc.ca

Operations [NAVAREA] desk (24/7):

Telephone: 613-925-4471
Facsimile: 613-925-4519
E-mail: navarea17.18@innav.gc.ca

11. Recommendations:

Note the information provided

13. Summary:

The NAVAREA XVII/XVIII Coordinator has introduced Canada's Self-Assessment Report in document WVNWS7/3/2.2.

With the MCTS Centre Consolidation project, several NAVTEX transmitters are now under the operational control of a different MCTS Centre. The name changes were submitted to IMO as updates to the GMDSS Master Plan.